Roland Duduchava

List of Publications by Year
in descending order

15 papers	**112** citations	1478505 **6** h-index	1281871 **11** g-index
16 all docs	**16** docs citations	**16** times ranked	**36** citing authors

#	Article	IF	Citations
1	The Green formula and layer potentials. Integral Equations and Operator Theory, 2001, 41, 127-178.	0.8	32
2	On algebras generated by convolutions and discontinuous functions. Integral Equations and Operator Theory, 1987, 10, 505-530.	0.8	27
3	An application of singular integral equations to some problems of elasticity. Integral Equations and Operator Theory, 1982, 5, 475-489.	0.8	8
4	Mixed boundary value problems for the Helmholtz equation in arbitrary 2D-sectors. Georgian Mathematical Journal, 2013, 20, .	0.6	8
5	The algebra of non-classical singular integral operators on half space. Integral Equations and Operator Theory, 1987, 10, 531-553.	0.8	7
6	Wiener-Hope equations with the transmission property. Integral Equations and Operator Theory, 1992, 15, 412-426.	0.8	7
7	Mellin convolution operators in Bessel potential spaces. Journal of Mathematical Analysis and Applications, 2016, 443, 707-731.	1.0	6
8	On Estimates of the Boltzmann Collision Operator with Cut-off. Journal of Mathematical Fluid Mechanics, 2006, 8, 242-266.	1.0	5
9	Solvability of Singular Integro-Differential Equations with Multiple Complex Shifts. Complex Analysis and Operator Theory, 2008, 2, 327-343.	0.6	4
10	Extension of the unit normal vector field from a hypersurface. Georgian Mathematical Journal, 2015, 22, 355-359.	0.6	4
11	Mixed boundary value problems for the Helmholtz equation in a model 2D angular domain. Georgian Mathematical Journal, 2020, 27, 211-231.	0.6	2
12	Dirichlet problem for Laplaceâ€"Beltrami equation on hypersurfacesâ€"FEM approximation. Transactions of A Razmadze Mathematical Institute, 2016, 170, 300-307.	0.7	1
13	Mixed impedance boundary value problems for the Laplaceâ€"Beltrami equation. Journal of Integral Equations and Applications, 2020, 32, .	0.6	1
14	Shell equations in terms of GÃ¼nter's derivatives, derived by the Î"â€"convergence. Mathematical Methods in the Applied Sciences, 2021, 44, 9710.	2.3	0
15	Mellin Convolution Equations. Springer Proceedings in Mathematics and Statistics, 2019, , 153-174.	0.2	0